PTO/SB/05 (1247)
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37 CFR 1.53(b))

no to a collection of informati	on unless it displays a valid	OMB CONTOL NUME	oer.	-0,5
Attorney Docket No.	40	3		
First Nan	ned Inventor or Applicat	ion Identifier		302
Justin R. Bendich				173
Express Mail Label No.	FR211528553	RUS		

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Commissioner for Patents ADDRESS TO: Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450				
1. X Fee Transmittal Form (Submit an original, and a duplicate for fee processing) 2. X Specification (Total Pages)25 - Descriptive title of the Invention - Cross References to Related Application - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. X Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation /divisional with Box 17 completed) [Note Box 5 below] i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 5. Incorporation by Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	6. Microfiche Computer Program (Appendix) 7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Copy b. Paper Copy (identical to computer copy) c. Statement verifying identify of above copies ACCOMPANYING APPLICATION PARTS 8. X Assignment Papers (cover sheet & document(s)) 9. 37 CFR 3.73(b) Statement (when there is an assignee) 10. English Translation Document (if applicable) 11. X Information Disclosure Statement (IDS)/PTO-1449 Citations 12. Preliminary Amendment 13. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 14. Small Entity Statement filed in prior application, Statement(s) if foreign priority is claimed) 15. Certified Copy of Priority Document(s) if foreign priority is claimed) 16. X Other: Express Mail Certificate				
Continuation Divisional Continuation-i	n-part (CIP) of prior application No.:				
18. CORRESPOND	ENCE ADDRESS				
☑ Customer Number or Bar Code Label36491 □ Or Correspondence address below					
NAME					
ADDRESS					
CITY STATE ZIP					
COUNTRY TELEPHON	IE FAX				
Assignee Name: INTERNATIONAL BUSINESS MACHINES CORPORATION Assigne Residence: Armonk, New York					

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

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PTO/SB/05 (12/9) Please type a plus sign (+) inside this box + + Approved for use through 9/30/03. OMB 0651-003 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERC Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.						
•		Complete If Known				
FEE TRANSMITTAL		Application Number	Not yet assigned			
		Filing Date	November 24, 2003			
		First Named Inventor	Justin R. Bendich			
Note: Effective October 1, 2001. Patent fees are subject to annual revision.		Group Art Unit				
		Examiner Name				
TOTAL AMOUNT OF PAYMENT	\$ 846	Attorney Docket Number	SJ0920030051US1			

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge		3. ADDITIONAL FEES				
indicated fees and credit any over payments to:		Entity	Small	Entity		
Deposit Account Number:09-0466	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Deposit Account Name: IBM CORPORATION	1051	130	2051		Surcharge - late filing fee or oath	
Charge Any Additional Charge the Issue Fee	1052	50	2052	25	Surcharge - late provisional filing fee or cove sheet	er -
Fee Required Under In 37 CFR at the Mailing of the Notice of Allowance	1053	130	2053	130	Non-English specification	
	1812	2520	1812	2520	For filing a request for reexamination	
2. Payment Enclosed:	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
☐ Check ☐ Money Order ☐ Other	1805	1840*	1805	1840*	Requesting publication of SIR after Examine action	r
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. FILING FEE	1252	420	2252	210	Extension for reply within second month	
	1253	950	2253	475	Extension for reply within third month	
Large Entity Small Entity	1254	1480	2254	740	Extension for reply within fourth month	
Fee Fee Fee Fee Description Fee Paid	1255	2010	2255	1005	Extension for reply within fifth month	
Code (\$) Code (\$)	1401	330	2401	165	Notice of Appeal	
1001 770 2001 385 Utility filing fee 770	1402	330	2402	165	Filing a brief in support of an appeal	
1002 340 2002 170 Design filing fee	1403	290	2403	145	5 Request for oral hearing	
1003 530 2003 265 Plant filing fee	1451	1510	1451	1510	Petition to institute a public use proceeding	
1004 770 2004 385 Reissue filing fee	1452	110	2452	55	Petition to revive - intentional	
1005 160 2005 80 Provisional filing fee	1453	1330	2453	665	65 Petition to revive - unintentional	
SUBTOTAL (1) \$ 770	1501	1330	2501	665	Utility issue fee	
2. CLAIMS Fee from	1502	480	2502	240	Design issue fee	
Extra below Fee Paid	1503	640	2503	320	Plant issue fee	
Total Claims 22 -20 = 2 x 18 = 36	1460	130	1460	130	Petitions to the Commissioner	
Ind. Claims 3 -3 = 0 x 86 = 0	1807	50	1807	50	0 Petitions related to provisional applications	
Multiple Dep. Claims 0 x 290 = 0	1806	180	1806	180	Submission of Information Disclosure Stmt	
Large Entity Small Entity	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
Fee Fee Fee Fee Description Code (\$) Code (\$)	1809	770	1809	385	5 Filing a submission after final rejection (37 CFR 1.129(a))	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3			For each additional invention to be examined (37 CFR 1.129(b))	'		
1203 290 2203 145 Multiple dependent claim	Other fee	e (specify)				
]					
SUBTOTAL (2) \$ 36		d by Basic	Filing Fee	e	SUBTOTAL (3)	\$ 40

SUBMITTED BY			Complete (if applicable)		
Typed or Printed Name Brian C. Kunzler			Reg. Number	38,527	
Signature	Bic 1671	Date	Nov 24, 2003	Deposit Account User ID	

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PATENT APPLICATION

Docket No.: SJO920030051US1

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: ER211528553US

Date of Deposit: November 24, 2003

I hereby certify that this patent application in the name of Justin R. Bendich, David M.

Cannon, Alireza R. Daryan, Brian Delaire, Barry L. Eberly, David W. Groves, Srinivas

Jandhyala, Michael L. Lamb, Edward M. McCrickard, and Raymond M. Swank for

APPARATUS, SYSTEM, AND METHOD FOR MODELING FOR STORAGE

PROVISIONING, together with the drawings, a Declaration, Power of Attorney, and Petition, an

Assignment and Recordation Form Cover Sheet, Information Disclosure Statement, PTO Form

1449 are being deposited with the United States Postal Service "Express Mail Post Office to

Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed

to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA

22313-1450.

Respectfully submitted.

Reg. No. 38,527

Attorney for Applicant

Date: November 24, 2003

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